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PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mika Gorni et al.

Serial No.: 09/876,494

Art Unit: 2871

Filed: June 7, 2001

Title: LIQUID CRYSTAL DISPLAY DEVICE

Docket No.: 30821US3

**LETTER REQUESTING
CORRECTED FILING RECEIPT**

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450
FAX NO.: 703-746-9195

Sir:

Transmitted herewith is a copy of the Official Filing Receipt and page 1 of the Notice of Allowance and Fee(s) Due for the above-identified application. The Filing Receipt and Notice of Allowance contain an error in the "Title" sections of the receipt and notice. The sections should read as follows:

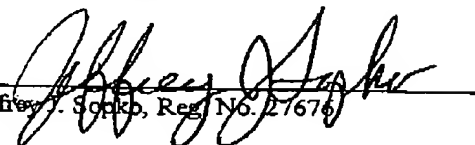
LIQUID CRYSTAL DISPLAY DEVICE

In support of this request for correction, transmitted herewith are copies of the Utility Patent Application Transmittal (form PTO/SB/05), Application Data Sheet, and page 1 of the specification all indicating the correct title.

CERTIFICATION OF FACSIMILE TRANSMISSION	
Facsimile No.: <u>703-746-9195</u>	
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.	
<u>Jeffrey J. Sopko</u>	
Name of Attorney for Applicant(s)	
<u>5/12/04</u>	<u>Jeffrey J. Sopko</u>
Date	Signature of Attorney

Please issue a corrected filing receipt for this application and forward the same to the undersigned attorney of record.

Respectfully submitted,
PEARNE & GORDON LLP

By 
Jeffrey J. Sopko, Reg. No. 27676

1801 East 9th Street
Suite 1200
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May 12, 2004

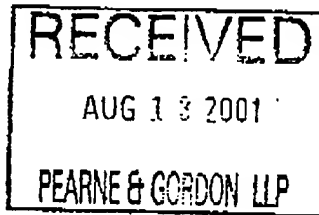


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FILE FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT. CLAIMS	IND. CLAIMS
09/876,494	08/07/2001	2871	710	30821US3	3	11	1

116
PEARNE & GORDON LLP
526 SUPERIOR AVENUE EAST
SUITE 1200
CLEVELAND, OH 44114-1484



CONFIRMATION NO. 9313

FILING RECEIPT



Date Mailed: 08/09/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Mika Gomi, Kanagawa, JAPAN;
Yoji Inomata, Kanagawa, JAPAN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A DIV OF 09/082.158 05/20/1998

Foreign Applications

JAPAN HEI. 9-148427 05/23/1997

If Required, Foreign Filing License Granted 08/08/2001

Projected Publication Date: 11/15/2001

Non-Publication Request: No

Early Publication Request: No

Title

DISPLAY
Liquid crystal display device

Preliminary Class

349

Data entry by : TESFAYE, ALEM

Team : OIPE

Date: 08/09/2001

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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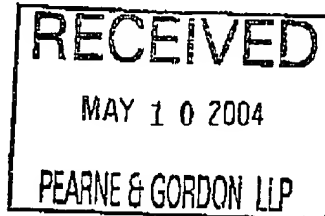
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NOTICE OF ALLOWANCE AND FEE(S) DUE

116 7590 05/06/2004

PEARNE & GORDON LLP
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CLEVELAND, OH 44114-3108



EXAMINER

TON, MINH TOAN T

ART UNIT

PAPER NUMBER

2871

DATE MAILED: 05/06/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/876,494	06/07/2001	Mika Gomi	30821US3	9313

TITLE OF INVENTION: LIQUID CRYSTAL DISPLAY DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	08/06/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0551-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 30821US3
 First Inventor Mika Gomi, et al.
 Title "LIQUID CRYSTAL DISPLAY DEVICE"
 Express Mail Label No. EL609748171US

APPLICATION ELEMENTS

See MPEP chapter 800 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 3]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.83(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of
(when there is an assignee) ☒ Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure
Statement (IDS)/PTO-1449 [0] Copies of IDS
Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent. Check for \$710.00
17. ☒ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No. 09/082,158

Prior application information:

Examiner

Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	[Redacted]				<input type="checkbox"/> Correspondence address below
Name	Aaron A. Fishman				
	Pearne & Gordon LLP				
Address	526 Superior Avenue East				
City	Cleveland	State	Ohio	Zip Code	44114
Country	United States	Telephone	216-579-1700	Fax	579-6073

Name (Print/Type)	Aaron A. Fishman	Registration No. (Attorney/Agent)	44682
Signature	[Signature]	Date	7-June-2004

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LIQUID CRYSTAL DISPLAY DEVICE

CROSS-REFERENCE TO RELATED APPLICATION

The present application is a division of application Serial No. 09/082,158 filed on May 20, 1998.

Background of the Invention

1. Field of the Invention

5 The present invention relates to a liquid crystal display device packaged or mounted on a variety of electric appliances such as a portable telephone terminal, and more particularly to a liquid crystal display device capable of assuring lightproofing of a bare-chip type liquid crystal driver.

2. Description of the related Art

10 Conventionally, in a liquid crystal display device to be mounted in a variety of electric appliances, a bare chip constituting a liquid crystal driver therefor is housed in a package so that the light reaching the bare chip is shielded.

20 With recent progress of low-profiling and downsizing of a variety of electric appliances, a system of mounting or packaging the liquid crystal driver has been shifted from surface mounting, in which a chip is completely light-shielded by a molding material, to COB (Chip on Board), TCP (Tape Carrier Package) and COG (Chip on Glass). In these systems, in which a bare chip of the liquid crystal driver is mounted on a circuit board, the bare chip is susceptible to influence by